

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	92	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") calcin\$ (alkali NEAR2 metal NEAR2 silicate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 10:15
S2	66	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") calcin\$ (alkali NEAR2 metal NEAR2 silicate) @py<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 10:16
S3	55	thorsteinson.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 10:23
S4	16	"5733842"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 10:52
S5	3	EP "1086743"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 10:54
S6	43	"5102848"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 13:00
S7	25	"5102848" soo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 13:00

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S8	9	"4272443"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 13:02
S9	35	"5801259"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 13:04
S10	33	"5145824"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 13:06
S11	38	"502".clas. catalyst.ti. (impregna\$ SAME alpha-alumina OR "alpha alumina") calcin\$ (alkali NEAR2 metal NEAR2 silicate) @py<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 13:08
S12	13	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") calcin\$ (alkali NEAR2 metal NEAR2 silicate) @py<="2003" drying. clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 13:19
S13	22	"4769358"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 14:27
S14	11	"4428863"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 14:30

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S15	3	"5248557"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/23 14:31
S16	0	EP0480537	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 07:42
S17	4	EP "0480537"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 07:42
S18	2	ep "0496470"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:32
S19	13	gerdes buffum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:33
S20	3	nippon "1086743"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:34
S21	55	thorsteinson.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:35

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S22	0	thorsteinson.inv. "0480537"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:35
S23	6	"0480537"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:36
S24	0	"19950303850"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:37
S25	0	"0303850" hoffman	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:37
S26	0	"303850" hoffman	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:37
S27	4	ep "1995" "303850"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:37
S28	0	efficiency-enhancing salt of a member of a redox-half reaction pair	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:38

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S29	2	"0686614"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:39
S30	24	"686614"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:39
S31	41	hoffman dever	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/24 09:40
S32	0	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") calcin\$ (alkali NEAR2 metal NEAR2 silicate) "dry\$ SAME temperature"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 08:34
S33	4	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") calcin\$ (alkali NEAR2 metal NEAR2 silicate) "dry\$.cm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 08:34
S34	561	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") (dry\$ or roast\$.cm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 08:38
S35	217	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") ((dry\$ or roast\$) SAME temperature).cm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 08:39

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S36	39	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") ((dry\$ or roast\$) SAME temperature SAME ("25" OR "50" OR "100" OR "150" OR "200" OR "250")).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 08:39
S37	6	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") ((dry\$ or roast\$) SAME temperature NEAR2 ("25" OR "50" OR "100" OR "150" OR "200" OR "250")).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 08:40
S38	8	alpha NEAR2 alumina (interlock\$ NEAR4 platelet NEAR4 morpholog\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/02 08:30
S39	45	alpha NEAR2 alumina (platelet NEAR4 morpholog\$) @py<="2005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/02 08:32
S40	125	("alkali metal hydroxide" OR "sodium hydroxide" OR NaOH).clm. alumina NEAR2 carrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/02 08:56
S41	15	("alkali metal hydroxide" OR "sodium hydroxide" OR NaOH).clm. (alumina NEAR2 carrier).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/02 08:56
S42	10	("sodium hydroxide" OR NaOH).clm. (alumina NEAR2 carrier).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 13:30

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S43	0	("sodium hydroxide" OR NaOH) NEAR5 modifier (alumina NEAR2 carrier).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 13:33
S44	0	("sodium hydroxide" OR NaOH) SAME modifier (alumina NEAR2 carrier).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 13:33
S45	155	("sodium hydroxide" OR NaOH) (alumina NEAR2 carrier).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 13:34
S46	10	("sodium hydroxide" OR NaOH).dm. (alumina NEAR2 carrier).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 13:34
S47	25	"4994589"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 14:20
S48	346	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") (dry\$ or roast\$.dm. calcin\$.dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/11 11:06
S49	154	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") (dry\$ or roast\$.dm. calcin\$.dm. calcin\$ NEAR5 impregnat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/11 11:07

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S50	152	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") (dry\$ or roast\$).clm. calcin\$.clm. calcin\$ NEAR4 impregnat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/11 11:07
S51	140	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") (dry\$ or roast\$).clm. calcin\$.clm. calcin\$ NEAR3 impregnat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/11 11:07
S52	109	"502".clas. (impregna\$ SAME alpha-alumina OR "alpha alumina") (dry\$ or roast\$).clm. calcin\$.clm. calcin\$ NEAR3 impregnat\$ @py<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/11 11:08
S53	0	(impregna\$5 SAME (alpha-alumina OR "alpha alumina") NEAR4 carrier) calcin\$ modifier SAME aqueous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/27 08:57
S54	23	(impregna\$5 SAME (alpha-alumina OR "alpha alumina") NEAR4 carrier) calcin\$ modifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/27 08:57
S55	3	(impregna\$5 SAME (alpha-alumina OR "alpha alumina") NEAR4 carrier) calcin\$ modifier SAME (alkali NEAR1 metal NEAR1 hydroxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/27 08:59
S56	2	"2002143197"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/27 09:01



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S57	2	"20020143197"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/27 09:01
S58	20	(impregna\$5 SAME (alpha-alumina OR "alpha alumina") NEAR4 carrier) calcul\$ modifier wash\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/27 09:22
S59	76	"6,368,998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/27 09:24